

# SOUTH 4 GROUP FIRE PORT NECHES, TEXAS DECONTAMINATION PLAN VERSION 1.0

Prepared on behalf of:  
TPC Group

Prepared By:  
CTEH, LLC  
5120 Northshore Drive  
North Little Rock, AR 72118  
501-801-8500

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	Name/Organization	Signature	Date Signed
Prepared by:	James McCormack, MSES, MPA, CHMM; CTEH		12/3/19
Reviewed by:	Angela L Perez, PhD; CTEH	<i>Angela L Perez</i>	12/4/19
Approved by:			
Approved by:			
Approved by:			
Approved by:			
Approved by:			

## DECONTAMINATION PLAN MANAGEMENT OF CHANGE

Change 001			
<i>Description of Change (include sections &amp; page numbers):</i>			
	Name/Position	Signature	Date Signed
Prepared By:			
Approved By:			
Change 002			
<i>Description of Change (include sections &amp; page numbers):</i>			
	Name/Position	Signature	Date Signed
Prepared By:			
Approved By:			
Change 003			
<i>Description of Change (include sections &amp; page numbers):</i>			
	Name/Position	Signature	Date Signed
Prepared By:			
Approved By:			

## Table of Contents

[ TOC \o "1-1" \h \z \u ]

## **1. INTRODUCTION AND PURPOSE**

This Decontamination Plan was prepared by TPC Group LLC. (TPC), supporting Unified Command (UC) to provide general guidance procedures to be used to ensure that all equipment and personnel are not transporting contaminants off site. The primary focus will be to clean up response equipment and personnel in a safe, organized and efficient manner while minimizing further damage to the environment. Any material generated during this decontamination process will be managed in accordance with the Waste Management Plan, approved by UC, dated December 4, 2019 (Attachment A).

## **2. HEALTH AND SAFETY**

Safety is the most important consideration when implementing this plan. All site personnel will review and adhere to TPC's Site Safety and Control Plan and company/contractor-specific Health and Safety Plans (HASPs), and ICS-206, as applicable. Daily tailgate safety briefings will be conducted prior to going into the field. The appropriate personal protective equipment (PPE) will be utilized for each task. Any health and safety-related incident will be promptly reported to the Safety Officer (SOFR).

## **3. RECOVERY SITE DECONTAMINATION**

### **3.1 Personnel**

All personnel should clean all clothing prior to leaving the site. This can be accomplished by wiping and/or wash down in containment area. Decon pools will be used to collect the wash water. All wash water will be transferred to temporary storage for proper disposal off-site. Disposable clothing and gloves will be containerized and processed in accordance with the Waste Management Plan.

Step by step procedure for decon will be specified by Clean Harbors. If planned decon is located offsite of the TPC property, baseline sampling must be conducted prior to proceeding with decon. Sampling of the baseline samples will be completed in accordance with the Environmental Sampling and Analysis Plan, approved by the UC, dated December 2, 2019 (Appendix B).

### **3.2 Equipment**

All equipment will receive preliminary cleaning to remove excessive debris and contaminants.

#### ***3.1.A Heavy Equipment***

Decontamination of heavy equipment will be completed on a solid surface by hand tools, hot or cold pressure washing in areas that will allow for the collection of debris and wash water. A liner inside a bermed work area may be used to collect wash water contaminant for recovery. Wash water will be

collected and transferred to the appropriate storage container for disposal off-site. In areas where run off cannot be contained, the use of biodegradable solution and manual wiping with cloth rags may be utilized for removal of contamination on solid surfaces. The cloth rags and debris will be processed in accordance with the Waste Management Plan.

### *3.1.B Small Water vessels*

Decontamination of small water vessels will be placed inside containment boom during the decontamination process. Floating product or product sheen from vessels will be minimized with sorbents as necessary to reduce loss outside the containment boom. The vessels will be removed from the water and placed inside an impermeable, bermed area at the boat ramp (OPERA Boat Launch) or shore side (Outfall 001 Canal and Star Lake Canal upstream of bridge) locations as appropriate. A gross decontamination of wiping down to remove heavy residues and debris. Hand wipes, residues and debris will be collected and managed according to the Waste Management Plan. Upon completion of the gross decontamination, the vessels will be transported to an industrial cleaning facility, EcoWerks, located at 6200 Procter St. Extension, Port Arthur, TX, 77642 ~~the TPC Dock, staged in an impermeable bermed area.~~ ~~For further decontamination of the vessels, they will be pressure washed and/or wiped down to remove remaining residual product.~~ ~~All wash water will be contained in an impermeable, bermed area and transferred to the appropriate storage container for proper handling and off-site disposal according to the Waste Management Plan.~~ EcoWerks standard procedure for cleaning vessels is as follows:

- 1.) EcoWerks will remove vessels from trailer.
- 2.) EcoWerks will place vessels under covered washout bay.
- 3.) EcoWerks will scrub vessels with a detergent.
- 4.) EcoWerks will then wash with a high pressure, pressure washer.
- 5.) Oil and Water will be contained in two washout bay sumps.
- 6.) Oil will be recovered and recycled to the Fuel Oil Markets
- 7.) Water will be bio remediated and discharged under EcoWerks permit to the City Of Port Arthur.
- 8.) Transport trailers will be washed as appropriate.

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### *3.1.C Containment boom and portable equipment*

~~Decontamination of containment boom and portable equipment will be loaded into roll off boxes and transported to the EcoWerks facility in Port Arthur, TX for decontamination and cleaning. EcoWerks standard procedure will be as follows:~~

- ~~1.) EcoWerks will remove boom from roll off boxes.~~
- ~~2.) EcoWerks will stretch boom out under covered washout bay.~~
- ~~3.) EcoWerks will scrub both sides of boom with a detergent.~~
- ~~4.) EcoWerks will wash boom with high pressure, pressure washer.~~
- ~~5.) Oil and Water will be contained in two washout bay sumps.~~
- ~~6.) Oil will be recovered and recycled to the Fuel Oil Markets~~
- ~~7.) Water will be bio remediated and discharged under EcoWerks permit to the City of Port Arthur.~~
- ~~8.) Roll off boxes will be washed out.~~
- ~~9.) Boom will then be stacked in 100ft sections and placed back into the roll off boxes for Customer pick up.~~

~~will be conducted with either pressure washers, biodegradable cleaners, soap and/or hand wipes. All wash water will be contained in an impermeable, bermed area and transferred to the appropriate storage container for proper handling and off-site disposal. All disposable boom and equipment will be segregated and processed in accordance with the Waste Management Plan.~~

### *3.1.D Pilings/Riprap*

Individual pilings and/or riprap will be identified for manual cleaning or passive decontamination based on the amount of contamination, if any. Pilings and/or riprap may require low pressure flushing to remove any contamination. If required, each work area will be pre-boomed to contain any free-floating product and will be immediately collected using either sorbent material or mechanical skimming. This product material will be collected and disposed of in accordance with the Waste Management Plan.

~~NOTE: All equipment will be returned to staging for final inspection and decontamination.~~

## **4. STAGING AREA (TPC DOCK)**

Where appropriate for equipment not sent to the off-site facility (EcoWerks) for cleaning. All equipment will go through final decontamination prior to being released from the Staging Area. Decontamination will include pressure washing for a thorough cleaning. All wash water will be contained in an impermeable bermed area and transferred to the appropriate storage container for disposal off-site. All equipment will be inspected, and the condition documented prior to being release from the Staging Area.

# APPENDIX A

## Waste Management Plan



# **APPENDIX B**

## **ENVIRONMENTAL SAMPLING AND ANALYSIS PLAN**